

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3, 4, 10 and 18 as indicated below.

Please cancel claims 2, 8, 9 and 23.

Listing of Claims

1. (Currently Amended) A medical tool comprising

a central body having an in vivo inserted end and a non inserted end,

~~wherein at least one functional unit for performing an in vivo procedure, and at least one imaging unit are integrated in said central body at said in vivo inserted end,~~

~~wherein said imaging unit comprises~~

said non inserted end comprising an internal power source and a control unit for controlling the movement of said in-vivo inserted end, and

said in-vivo inserted end comprising:

a single dome-shaped window,

~~a lens and an optical system situated behind said single dome-shaped window,~~

~~an illumination source situated behind said dome-shaped window and providing illumination therethrough, said dome-shaped window having a convex shape and providing a space behind said window and within said convex shape, and~~

~~wherein the image sensor, the lens and the illumination source are situated behind the single dome-shaped window and within said space, such that the illumination source provides illumination through the dome-shaped window, and the~~

an image sensor captures for obtaining in-vivo image information by capturing light reflected from an in vivo object through the dome-shaped window and the lens said optical system; and

a wireless transmitter for wirelessly transmitting said in-vivo image information to an external receiver.

2. (Canceled)

3. (Currently Amended) The tool according to claim 1, said tool including being comprised of silicon, plastic or metal.

4. (Currently Amended) The tool according to claim 1 wherein ~~the functional unit~~ said non inserted end further comprises one or more elements selected from the group consisting of: graspers, blades, clamps, tissue collecting baskets, means for delivering treatment, stents, forceps, snares, hemostasis devices, dilatation balloons, catheters, sphincterotomes, guidewires, and suturing devices and any combination thereof.

5-6. (Canceled)

7. (Previously Presented) The tool according to claim 1 wherein the illumination source is an LED.

8. (Canceled)

9. (Canceled)

10. (Currently Amended) The tool according to ~~claim 8~~ claim 1 wherein the transmitter is an RF transmitter.

11. (Previously Amended) The tool according to claim 1 comprising a channel, wherein said channel passes through at least the central body.

12-17. (Canceled)

18. (Currently Amended) A system for performing in vivo procedures, said system comprising:

- a tool according to ~~claim 8~~ claim 1; and
- a receiver comprising a recording mechanism.

19. (Original) The system according to claim 18 comprising a monitor in communication with the receiver for displaying in vivo information.

20. (Original) The system according to claim 18 comprising a processor for processing in vivo information.

21-22. (Canceled)

23. (Canceled)

24. (Canceled)